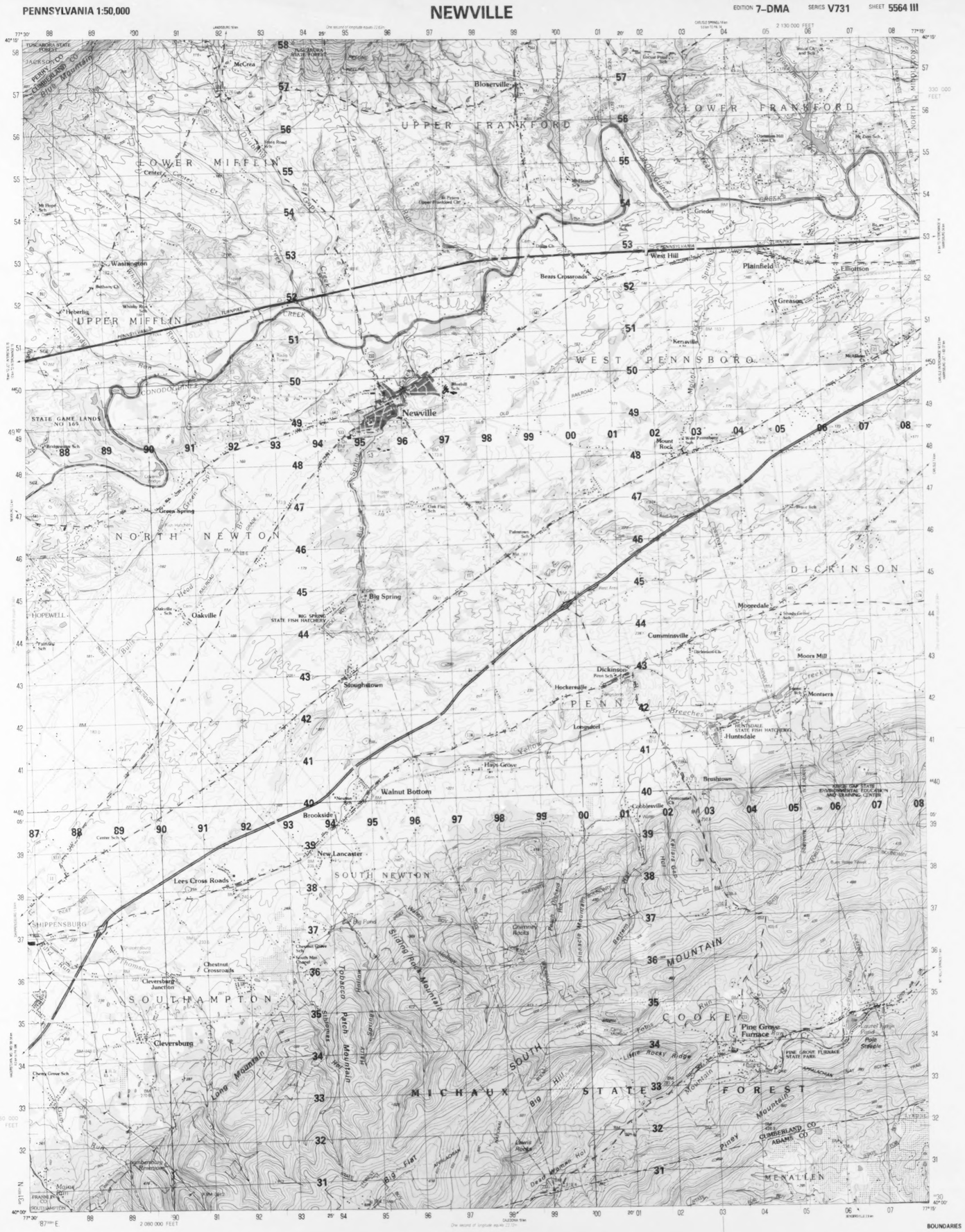
PENNSYLVANIA 1:50,000

NEWVILLE

EDITION 7-DMA SERIES V731 SHEET 5564 III



Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.

MAP INFORMATION AS OF 1987

SCALE 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers
1 ½ 0 1 2 3 Statute Miles
1 0 1 2 3 Nautical Miles

LEGEND

CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.

A LANE ON THIS MAP IS CONSIDERED TO BE 2.5 METERS WIDE.

IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

THERE MAY BE PRIVATE INHOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP

ROADS
Divided highway with median strip
Primary, all weather, hard surface
Secondary, all weather, hard surface
Light duty, all weather, hard or improved surface
Fair or dry weather, unimproved surface
Trail
Route markers: Interstate, Federal, State
Bridge

RAILROAD (Standard gauge 1.44m = 4.8'8½")
Single track
Multiple track
Nonoperating
Railroad station: Location known, Location unknown
Car line
Railroad bridge
Tunnel: Highway, Railroad

BOUNDARIES
National, with monument
State, territory
County, parish
Civil township, village, town
Incorporated city, village, town
Reservation: National, State, Military

Power transmission line
Buildings
Structures
Church, School
Power substation
Windmill, Watermill
Well, Tank
Mine shaft
Open pit mine or quarry
Hemispheric control station
Bench mark, monumented — BM × 219.2
Bench mark, non-monumented — × 143.9
Spot elevations in meters
Levees, mine, dikes
Bluffs, cliffs

Woodland
Scattered trees, Scrub
Vineyard, Orchard, plantation
Intermittent lake, Dam, Earthen, Masonry
Stream, Perennial, Intermittent
Marsh, swamp
Small falls, Large falls
Small rapids, Large rapids

CONVERSION GRAPH

(1 meter = 3.28 feet)

Meters 700 600 500 400 300 200 100
Feet 2300 2100 2000 1900 1700 1600 1400 1300 1100 1000 900 700 600 500 400 300

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

ELLIPSOID: CLARKE 1866
GRID: 1,000-METER UTM ZONE 18 (BLACK NUMBERED LINES)
10,000-FOOT STATE GRID TICKS, PENNSYLVANIA (SOUTH ZONE)
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
CONTROL BY: USGS AND NOS/NOAA
PREPARED BY: U.S. GEOLOGICAL SURVEY
PUBLISHED BY: DMAHTC 6-89

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DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

SAMPLE 1,000 METER GRID SQUARE — 100,000 M SQUARE IDENTIFICATION: TV | UV — GRID ZONE DESIGNATION: 18T

1,000 METER REFERENCE
1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point: 12 3
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point: 45 6
Example: 123456
WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES
Example: TV123456
WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION
Example: 18TTV123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/TOPOGRAPHIC CENTER, ATTN: PR, WASHINGTON D.C. 20315-0030

1985 G-M ANGLE 9° (160 MILS)
GRID NORTH
MAGNETIC NORTH
TRUE NORTH
GRID CONVERGENCE 1°30' (27 - MILS) FOR CENTER OF SHEET
TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT G-M ANGLE
TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD G-M ANGLE

SLOPE GUIDE

PERCENTAGE DEGREE

AB = HORIZONTAL DISTANCE BETWEEN CONTOURS
AC = HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

BOUNDARIES

1 Cumberland County
2 Adams County
3 Perry County
4 Franklin County

ADJOINING SHEETS

5464 I | 5564 IV | 5564 I
5464 II | 5564 III | 5564 II
5463 I | 5563 IV | 5563 I

ELEVATION GUIDE

Highest | High | Medium | Low

THIS MAP IS RED-LIGHT READABLE

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DMA STOCK NO. V731X55643

NEWVILLE, PENNSYLVANIA 5564 III V731 EDITION 7-DMA

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